

## EAST Search History

### EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L23   | 169  | 128/898.ccls. and @pd>"20090514"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:42 |
| L22   | 16   | 606/198.ccls. and @pd>"20090514"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:42 |
| L21   | 103  | 606/200.ccls. and @pd>"20090514"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:42 |
| L20   | 103  | L13 and @pd>"20090514"  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:28 |
| L19   | 37   | L18 and @pd>"20090514"  | USPAT                        | OR               | OFF     | 2009/11/19<br>13:28 |
| L18   | 5115 | (128/898).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:28 |
| L17   | 8    | L16 and @pd>"20090514"  | USPAT                        | OR               | OFF     | 2009/11/19<br>13:28 |
| L16   | 1271 | (606/198).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:28 |
| L15   | 38   | L13 and @pd>"20090514"  | USPAT                        | OR               | OFF     | 2009/11/19<br>13:28 |
| L14   | 38   | L13 and @pd>"20090514"  | USPAT                        | OR               | OFF     | 2009/11/19<br>13:27 |
| L13   | 2175 | (606/200).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/19<br>13:27 |
| S136  | 9    | ("4425908"   "4817600"   "5108418"   "5133733"   "5242462"   "5370657"   "5601595"   "5800457"   "5853420").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2009/11/18<br>16:48 |

|      |     |  |                        |    |     |                  |
|------|-----|--|------------------------|----|-----|------------------|
| S135 | 21  | ("3952747"   "4494531"   "4688553"   "4727873"   "4781177"   "4793348"   "4817600"   "5059205"   "5133733"   "5147379"   "5234458"   "5242462"   "5324304"   "5344427"   "5370657"   "5383887"   "5681347"   "5709704"   "5713917"   "5911704"   "5954741").PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/18 16:20 |
| S134 | 1   | "5370657".pn.  | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/11/18 16:17 |
| S133 | 206 | (US-20060069405-\$ or US-20060178695-\$ or US-20060106417-\$ or US-20060079930-\$ or US-20060079928-\$ or US-20050277977-\$ or US-20040158274-\$ or US-20040158273-\$ or US-20050222604-\$ or US-20020193828-\$ or US-20040082966-\$ or US-20010039431-\$ or US-20070032816-\$ or US-20050131451-\$ or US-20020138097-\$ or US-20050159771-\$ or US-20070112373-\$ or US-20050165442-\$ or US-20060259067-\$ or US-20030109897-\$ or US-20040093017-\$ or US-20060206138-\$ or US-20070005095-\$ or US-20040193209-\$ or US-20060184193-\$ or US-20050234503-\$).did. or (US-20050107822-\$ or US-20070016246-\$ or US-20070100372-\$ or US-20050055045-\$ or US-20050267513-\$ or US-20050267512-\$ or US-20010011181-\$ or US-20040230220-\$ or US-20040186510-\$ or US-20010000799-\$ or US-20060030875-\$ or US-20050251199-\$ or US-20050165441-\$ or US- | US-PGPUB; USPAT; USOCR | OR | ON  | 2009/11/18 16:13 |

20050027314-\$ or US-  
20050234504-\$ or US-  
20040006369-\$ or US-  
20020116024-\$ or US-  
20060100660-\$ or US-  
20050131452-\$ or US-  
20070088381-\$ or US-  
20050267515-\$ or US-  
20050267514-\$ or US-  
20060069406-\$ or US-  
20030208227-\$ or US-  
20040116938-\$ or US-  
20040059412-\$ or US-  
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(US-20030114880-\$ or US-  
20080097518-\$ or US-  
20080033479-\$ or US-  
20080027481-\$ or US-  
20080021497-\$ or US-  
20070219579-\$ or US-  
20070208370-\$ or US-  
20070203520-\$ or US-  
20070173885-\$ or US-  
20070167974-\$ or US-  
20060149313-\$ or US-  
20060095068-\$ or US-  
20050251197-\$ or US-  
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20050043757-\$ or US-  
20050004596-\$ or US-  
20040073252-\$ or US-  
20040039412-\$ or US-  
20040006368-\$ or US-  
20030208253-\$ or US-  
20030204202-\$ or US-  
20030199918-\$ or US-  
20030139765-\$ or US-  
20030065356-\$ or US-  
20030060843-\$).did. or  
(US-20080082154-\$ or US-  
20090209996-\$ or US-  
20090198270-\$ or US-  
20090182370-\$ or US-  
20090157115-\$ or US-  
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20080294189-\$ or US-  
20080275495-\$ or US-  
20080255605-\$ or US-  
20080188887-\$ or US-  
20080039891-\$ or US-  
20030074016-\$).did. or  
(US-6391045-\$ or US-

6972025-\$ or US-6146404-\$ or US-5324304-\$ or US-5133733-\$ or US-5941896-\$ or US-6872217-\$ or US-5344427-\$ or US-6582447-\$ or US-5836968-\$ or US-5634942-\$ or US-6468290-\$ or US-5370657-\$ or US-6126673-\$ or US-5147379-\$ or US-6383193-\$ or US-5836969-\$ or US-6447530-\$ or US-6569183-\$ or US-6165179-\$ or US-6506205-\$ or US-4817600-\$ or US-4643184-\$ or US-5300086-\$ or US-6706054-\$ or US-4873978-\$).did. or (US-6007558-\$ or US-4425908-\$ or US-6540767-\$ or US-5242462-\$ or US-6231589-\$ or US-5059205-\$ or US-6187016-\$ or US-6258026-\$ or US-7347869-\$ or US-7338512-\$ or US-7323002-\$ or US-7314477-\$ or US-7232462-\$ or US-7001424-\$ or US-6881218-\$ or US-7063707-\$ or US-6989027-\$ or US-6575997-\$ or US-6517559-\$ or US-6416530-\$ or US-6383196-\$ or US-6342063-\$ or US-6342063-\$ or US-6267776-\$ or US-6086577-\$ or US-6077274-\$ or US-6068645-\$).did. or (US-6042598-\$ or US-5681347-\$ or US-5649953-\$ or US-5626605-\$ or US-5415630-\$ or US-5383887-\$ or US-5108418-\$ or US-4990156-\$ or US-4969891-\$ or US-6932832-\$ or US-5569296-\$ or US-7131981-\$ or US-7041117-\$ or US-5549626-\$ or US-4781177-\$ or US-4727873-\$ or US-4936823-\$ or US-7279000-\$ or US-6214025-\$ or US-5976172-\$ or US-4619246-\$ or US-2281448-\$ or US-6217600-\$ or US-5669933-\$ or US-4832055-\$ or US-7323003-\$ or US-6120477-\$).did. or (US-6890395-\$

|      |    |   |                        |    |     |                  |
|------|----|---|------------------------|----|-----|------------------|
|      |    | or US-7195638-\$ or US-6929768-\$ or US-5893868-\$ or US-6773447-\$ or US-6702782-\$ or US-5512051-\$ or US-6027779-\$ or US-6017323-\$ or US-5902268-\$ or US-5891135-\$ or US-5879348-\$ or US-5868704-\$ or US-7449018-\$ or US-7273471-\$ or US-7175607-\$ or US-6955661-\$ or US-6946173-\$ or US-6878329-\$ or US-6756094-\$ or US-5458568-\$ or US-5358486-\$ or US-5286254-\$ or US-5201706-\$ or US-4702252-\$ or US-5807306-\$ or US-5800522-\$).did. or (US-4791966-\$ or US-5752934-\$ or US-6425908-\$ or US-5620649-\$ or US-5478320-\$ or US-4304010-\$).did. or (WO-9312723-\$ or EP-430848-\$ or FR-2580504-\$).did. or (WO-2005102210-\$ or WO-2005102213-\$ or WO-2005102211-\$ or WO-2005053547-\$ or FR-2649884-\$).did. |                        |    |     |                  |
| S132 | 78 | ("3654773"   "3810367"   "4425908"   "4580568"   "4781177"   "4800882"   "5041126"   "5152777"   "5242462"   "5282824"   "5314444"   "5324304"   "5344427"   "5375612"   "5387235"   "5456713"   "5527355"   "5562724"   "5562726"   "5693084"   "5709704"   "5755777"   "5836969"   "5843170"   "5843176"   "5848964"   "5853420"   "5968071"   "5984947"   "6007558"   "6013093"   "6080178"   "6126673"   "6193739"   "6214025"   "6217600"   "6231589"   "6241746"   "6251122"   "6258026"   "6267776"   "6267777"   "6273900"   "6325815"   "6328755"   "6342062"   "6342063").PN. OR  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/18 16:05 |

|      |    |  |                              |    |     |                     |
|------|----|--|------------------------------|----|-----|---------------------|
|      |    | ("6506205").URPN.  |                              |    |     |                     |
| S131 | 11 | (20020116024 <br>20010039431 <br>20010011181 6972025 <br>6582447 6506205 <br>6416530 6342063 <br>6007558 5634942 <br>4727873).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/11/18<br>16:03 |
| S130 | 12 | ("4580568"   "4688553"  <br>"4793348"   "5035706"  <br>"5383887"   "5549626"  <br>"6241746"   "6241749"  <br>"6267776"   "6267777"  <br>"6342063"   "6517559").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/11/18<br>16:01 |
| S129 | 10 | filter and ((breakable<br>frangible) near2 hook\$)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/11/18<br>16:00 |
| S128 | 17 | filter and ((breakable<br>frangible) near2 anchor\$)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/11/18<br>15:59 |
| S127 | 3  | ("20020045916"  <br>"6273901"   "6342063").<br>PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/18<br>15:58 |
| S126 | 2  | ("6217600"   "6416530").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/18<br>15:57 |
| S125 | 39 | ("4425908"   "4688553"  <br>"4781177"   "4817600"  <br>"4957501"   "4969891"  <br>"5059205"   "5071407"  <br>"5108418"   "5133733"  <br>"5152777"   "5160342"  <br>"5221261"   "5300086"  <br>"5329942"   "5344427"  <br>"5370657"   "5375612"  <br>"5549626"   "5827324"  <br>"5836969"   "5893869"  <br>"6126673"   "6168579"  <br>"6171328"   "6179859"  <br>"6231581"   "6342063"  <br>"6391045"   "6436120"  <br>"6436121"   "6443971"  <br>"6482222"   "6485501"  <br>"6491698"   "6511496"  <br>"6511503"   "6540767"  <br>"6582447").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/18<br>15:48 |
| S124 | 3  | ("20040158274"<br>"20040073252"<br>"20030208227").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/18<br>15:40 |

11/19/2009 1:53:24 PM

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